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Atty. Docket No.: 7582.0005-02000		Serial No. 10/079,807				
Applicant: Bernth Johansson et al.						
Filing Date: February 22, 2002		Group: <i>A.U.</i> 3662				
<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initial*	Document Number	Date	Name	Class	Sub Class	Filing Date If Appropriate
<i>Der</i>	5,248,975 - <i>A</i>	Sep. 28, 1993	Schutz	—	—	
<i>Der</i>	5,339,080 - <i>A</i>	Aug. 16, 1994	Steinway et al.	—	—	
<i>Der</i>	5,499,029 - <i>A</i>	Mar. 12, 1996	Bashforth et al.	—	—	
<i>Der</i>	5,835,053 - <i>A</i>	Nov. 10, 1998	Davis	—	—	
<i>Der</i>	5,835,054 - <i>A</i>	Nov. 10, 1998	Warhus et al.	—	—	
<i>Der</i>	5,912,639 - <i>A</i>	Jun. 15, 1999	Beckner	—	—	
<i>Der</i>	3,665,466 - <i>A</i>	May 23, 1972	Hibbard	—	—	
<i>Der</i>	4,905,008 - <i>A</i>	Feb. 27, 1990	Kawano et al.	—	—	
<i>Der</i>	5,835,053 - <i>A</i>	Nov. 10, 1998	Davis	—	—	
<i>Der</i>	5,835,054 - <i>A</i>	Nov. 10, 1998	Warhus et al.	—	—	
<i>Der</i>	5,920,285 - <i>A</i>	July 6, 1999	Benjamin	—	—	
<b>FOREIGN PATENT DOCUMENTS</b>						
	Document Number	Date	Country	Class	Sub Class	Translation Yes or No
<i>Der</i>	JP 1-274092	Nov. 1, 1989	Japan	—	—	Yes/Abstract
<i>Der</i>	WO 88/04063	Jun. 2, 1988	<del>PCT</del> <i>WIPO</i>	—	—	Yes/Abstract
<i>Der</i>	JP 60-235080	Nov. 21, 1985	Japan	—	—	Yes/Abstract
<i>Der</i>	JP-59-231466	Dec. 26, 1984	Japan	—	—	Yes/Abstract
<i>Der</i>	JP-59-37474	Feb. 29, 1984	Japan	—	—	Yes/Abstract
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>						
Examiner <i>GREGORY</i>		Date Considered <i>9/5/03</i>				
*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						
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OMB No. 0651-0011

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Applicant	Bernth Johansson et al.		
Filing Date	February 22, 2002	<del>Group</del> <i>A, U</i> , 3662	

## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
<i>DC</i>	6,002,357 - <i>A</i>	Dec. 14, 1999	Redfern et al.	—	—	
<i>DC</i>	6,100,839 - <i>A</i>	Aug. 8, 2000	Heger et al.	—	—	
<i>DC</i>	6,130,641 - <i>A</i>	Oct. 10, 2000	Kraeutner et al.			
<i>DC</i>	5,579,430 - <i>A</i>	Nov. 26, 1996	Grill et al.			
<i>DC</i>	5,742,735 - <i>A</i>	Apr. 21, 1998	Eberlein			
<i>DC</i>	5,900,833 - <i>A</i>	May 4, 1999	Sunlin et al.			

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## FOREIGN PATENT DOCUMENTS

Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No
<i>DC</i> EP 0 812 005 A2	Dec. 10, 1997	EP0	—	—	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>DC</i>	J.K. van Deen and J.W. de Feijter, "Three-Dimensional Ground Probing Radar", Geological Survey of Finland, Special Paper 16, pp. 35-40, June 1992.
<i>DC</i>	U.S. Application No. 10/118,991, filed April 10, 2002.

Examiner	<i>GREGORY</i>	Date Considered	<i>9/5/03</i>
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